

§ 52.01–145 Manufacturers' data report forms (modifies PG–112 and PG–113).

The manufacturers' data report forms required by PG–112 and PG–113 of section I of the ASME Boiler and Pressure Vessel Code (incorporated by reference; see 46 CFR 52.01–1) must be made available to the marine inspector for review. The Authorized Inspector's National Board commission number must be included on the manufacturers' data report forms.

[CGD 81–79, 50 FR 9434, Mar. 8, 1985, as amended by USCG–2003–16630, 73 FR 65161, Oct. 31, 2008]

Subpart 52.05—Requirements for Boilers Fabricated by Welding**§ 52.05–1 General (modifies PW–1 through PW–54).**

(a) Boilers and component parts, including piping, that are fabricated by welding shall be as indicated in PW–1 through PW–54 of section I of the ASME Boiler and Pressure Vessel Code (incorporated by reference; see 46 CFR 52.01–1) except as noted otherwise in this subpart.

[CGFR 68–82, 33 FR 18815, Dec. 18, 1968, as amended by USCG–2003–16630, 73 FR 65162, Oct. 31, 2008]

§ 52.05–15 Heat treatment (modifies PW–10).

(a) Vessels and vessel parts shall be preheated and postweld heat treated in accordance with PW–38 and PW–39 of section I of the ASME Boiler and Pressure Vessel Code (incorporated by reference; see 46 CFR 52.01–1) (reproduces PW–10). This includes boiler parts made of pipe material even though they may be nondestructively examined under § 52.05–20.

[CGFR 68–82, 33 FR 18815, Dec. 18, 1968, as amended by USCG–2003–16630, 73 FR 65162, Oct. 31, 2008]

§ 52.05–20 Radiographic and ultrasonic examination (modifies PW–11 and PW–41.1).

Radiographic and ultrasonic examination of welded joints must be as described in PW–11 of section I of the ASME Boiler and Pressure Vessel Code (incorporated by reference; see 46 CFR

52.01–1), except that parts of boilers fabricated of pipe material such as drums, shells, downcomers, risers, cross pipes, headers, and tubes containing only circumferentially welded butt joints, must be nondestructively examined as required by § 56.95–10 of this subchapter even though they may be exempted by the limits on size specified in Table PW–11 and PW–41.1 of section I of the ASME Boiler and Pressure Vessel Code.

[USCG–2003–16630, 73 FR 65162, Oct. 31, 2008]

§ 52.05–30 Minimum requirements for attachment welds (modifies PW–16).

(a) The location and minimum size of attachment welds for nozzles and other connections shall be as required by PW–16 of section I of the ASME Boiler and Pressure Vessel Code (incorporated by reference; see 46 CFR 52.01–1) except as noted otherwise in this section.

(b) When nozzles or couplings are attached to boilers, as shown in Figure PW–16 (a) and (c) of section I of the ASME Boiler and Pressure Vessel Code and are welded from one side only, backing strips shall be used unless it can be determined visually or by acceptable nondestructive test methods that complete penetration has been obtained.

(c) When attachments as shown in Figure PW–16 (y) and (z) of section I of the ASME Boiler and Pressure Vessel Code are employed they shall be limited to 2-inch pipe size for pressure exceeding 150 pounds per square inch.

[CGFR 68–82, 33 FR 18815, Dec. 18, 1968, as amended by USCG–2003–16630, 73 FR 65161, Oct. 31, 2008]

§ 52.05–45 Circumferential joints in pipes, tubes and headers (modifies PW–41).

(a) Circumferential welded joints of pipes, tubes and headers shall be as required by PW–41 of section I of the ASME Boiler and Pressure Vessel Code (incorporated by reference; see 46 CFR 52.01–1) except as noted otherwise in this section.

(b) (*Modifies PW–41.1*) Circumferential welded joints in pipes, tubes, and headers of pipe material must be nondestructively examined as required by § 56.95–10 of this subchapter and PW–41